

DTIC FILE

USAFETAC/PR-90/002

②

AD-A232 993



**TEMPERATURE CLIMATOLOGY
for
128 NAVY INSTALLATIONS
IN THE CONUS AND HAWAII**

by

SSgt Debra L. Runyon

DECEMBER 1990

DTIC
ELECTE
MAR 14 1991
S E D

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED


**USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER**

Scott Air Force Base, Illinois, 62225-5438

91 3 12 121


REVIEW AND APPROVAL STATEMENT

USAFETAC/PR-90/002, *Temperature Climatology for 128 Navy Installations in the CONUS and Hawaii*, December 1990, has been reviewed and is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).



PATRICK J. BREITLING
Chief Scientist

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific and Technical Information
Program Manager
21 December 1990

REPORT DOCUMENTATION PAGE

2. Report Date: December 1990
3. Report Type and Dates Covered: Project Report
4. Title: Temperature Climatology for 128 Navy Installations in the CONUS and Hawaii
6. Authors: SSgt Debra L. Runyon
7. Performing Organization Name and Address: USAF Environmental Technical Applications Center (USAFETAC/ECE), Scott AFB, IL 62225-5438
8. Performing Organization Report Number: USAFETAC/PR-90/002
12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.
13. Abstract: Provides tabular temperature climatology for 128 Navy installations in the CONUS, Guam, Hawaii, and Puerto Rico. Data was prepared for the Naval Energy and Environmental Support Activity for inclusion in a study of the feasibility of using coal as a primary heating fuel. Tables give the following for each location: Annual heating degree days, 99 and 97.5% winter design temperatures, mean annual temperature. Also given: Monthly heating degree days, mean temperatures, record low temperatures. All temperatures in degrees fahrenheit.
14. Subject Terms: CLIMATOLOGY, TEMPERATURE, EXTREME TEMPERATURE, MEAN TEMPERATURE, HEATING DEGREE DAYS, WINTER DESIGN TEMPERATURES, FUELS, FOSSIL FUELS, COAL, HEATING, NAVY INSTALLATIONS.
15. Number of Pages: 64
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL

Standard Form 298

PREFACE

This report documents work on Project 9007-05, which was completed by the USAF Environmental Technical Applications Center's Engineering Meteorology Section (USAFETAC/ECE) to satisfy a request from the Department of the Navy, Naval Energy and Environmental Support Activity (NEESA-111C2), Port Hueneme, CA 93043-5014. USAFETAC's point of contact at NEESA was Mr David Diezger.

NEESA requested the temperature climatology in this report for use in a study that would examine the feasibility of using coal as a primary central heating plant fuel at 128 Navy installations in the United States, Guam, Hawaii, and Puerto Rico.

The tables in this report provide the following data: (All temperatures are in degrees fahrenheit.)

- Annual Heating Degree Days
- Winter Design Temperature (99 and 97.5%)
- Mean Annual Temperature
- Monthly Heating Degree Days (MHDD)
- Mean Monthly Temperature (T_m)
- Extreme Monthly Minimum Temperature (T_{xm})

CONTENTS

ALASKA.....	1
ARIZONA.....	2
CALIFORNIA.....	3
CONNECTICUT.....	14
DISTRICT OF COLUMBIA	15
FLORIDA	17
GEORGIA.....	20
GUAM.....	22
HAWAII.....	23
ILLINOIS.....	25
INDIANA.....	26
KENTUCKY.....	27
LOUISIANA.....	28
MAINE.....	29
MARYLAND.....	30
MASSACHUSETTS.....	33
MISSISSIPPI	34
NORTH CAROLINA	35
NEW HAMPSHIRE.....	37
NEW JERSEY	38
NEVADA.....	39
NEW YORK	40
PENNSYLVANIA.....	41
PUERTO RICO.....	44
RHODE ISLAND	45
SOUTH CAROLINA.....	46
TENNESSEE	48
TEXAS.....	49
UTAH.....	51
VIRGINIA.....	52
WASHINGTON.....	57



Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A1	

Military Installation Database List for : AK - Alaska

Base name: NAS ADAK

State: AK - Alaska

Latitude: 51d 53m Longitude: 176d 39m

Annual Heating Degree Days: 8845

Winter Design Temperatures: (99%) 18 (97.5%) 22 Deg F

Mean Annual Temperature : 41 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	976	34	3	May	745	41	20	Sep	502	48	28
Feb	904	33	3	Jun	597	45	29	Oct	688	43	22
Mar	932	35	13	Jul	484	49	33	Nov	825	38	12
Apr	822	38	21	Aug	417	52	33	Dec	953	34	8

Base name: NAVSECGRUACT ADAK

State: AK - Alaska

Latitude: 51d 53m Longitude: 176d 39m

Annual Heating Degree Days: 8845

Winter Design Temperatures: (99%) 18 (97.5%) 22 Deg F

Mean Annual Temperature : 41 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	976	34	3	May	745	41	20	Sep	502	48	28
Feb	904	33	3	Jun	597	45	29	Oct	688	43	22
Mar	932	35	13	Jul	484	49	33	Nov	825	38	12
Apr	822	38	21	Aug	417	52	33	Dec	953	34	8

Military Installation Database List for : AZ - Arizona

Base name: MCAS YUMA
State: AZ - Arizona
Latitude: 32d 38m Longitude: 114d 36m

Annual Heating Degree Days: 880

Winter Design Temperatures: (99%) 40 (97.5%) 44 Deg F

Mean Annual Temperature : 74 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	284	56	24	May	1	79	46	Sep	0	88	53
Feb	151	60	28	Jun	0	88	54	Oct	6	77	35
Mar	82	65	32	Jul	0	94	63	Nov	80	64	30
Apr	20	71	41	Aug	0	93	63	Dec	256	57	27

Military Installation Database List for : CA - California

Base name: CBC PORT HUENEME (OXNARD)

State: CA - California

Latitude: 34d 9m Longitude: 119d 12m

Annual Heating Degree Days: 2068

Winter Design Temperatures: (99%) 38 (97.5%) 40 Deg F

Mean Annual Temperature : 60 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	326	55	29	May	162	60	39	Sep	47	66	42
Feb	267	56	28	Jun	99	63	42	Oct	87	64	37
Mar	282	56	31	Jul	49	66	44	Nov	190	59	33
Apr	230	58	35	Aug	34	67	46	Dec	295	56	29

Base name: MCAGCC TWENTYNINE PALMS

State: CA - California

Latitude: 34d 14m Longitude: 116d 3m

Annual Heating Degree Days: 1975

Winter Design Temperatures: (99%) 29 (97.5%) 32 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	496	49	13	May	13	73	33	Sep	0	80	38
Feb	326	54	18	Jun	0	82	43	Oct	42	69	24
Mar	248	58	23	Jul	0	89	53	Nov	254	57	21
Apr	115	65	24	Aug	0	87	53	Dec	481	50	16

Base name: MCAS EL TORO/IRVINE

State: CA - California

Latitude: 33d 40m Longitude: 117d 44m

Annual Heating Degree Days: 1619

Winter Design Temperatures: (99%) 42 (97.5%) 44 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	320	55	25	May	97	63	39	Sep	4	71	44
Feb	252	56	30	Jun	24	67	44	Oct	43	66	38
Mar	267	57	32	Jul	0	72	48	Nov	155	61	35
Apr	175	60	33	Aug	0	72	47	Dec	282	56	28

Military Installation Database List for : CA - California

Base name: MCAS TUSTIN/SANTA ANA

State: CA - California

Latitude: 33d 42m Longitude: 117d 50m

Annual Heating Degree Days: 1610

Winter Design Temperatures: (99%) 38 (97.5%) 40 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	311	55	28	May	89	63	38	Sep	3	72	44
Feb	237	57	29	Jun	19	67	42	Oct	44	66	30
Mar	250	57	31	Jul	0	71	45	Nov	172	60	32
Apr	177	59	34	Aug	0	73	48	Dec	308	55	28

Base name: MCB CAMP PENDLETON (ESCONDIDO)

State: CA - California

Latitude: 33d 18m Longitude: 117d 21m

Annual Heating Degree Days: 2006

Winter Design Temperatures: (99%) 35 (97.5%) 38 Deg F

Mean Annual Temperature : 62 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	397	52	17	May	94	63	34	Sep	0	71	37
Feb	314	54	24	Jun	32	68	39	Oct	79	65	29
Mar	298	56	26	Jul	0	73	43	Nov	228	58	21
Apr	192	59	31	Aug	0	74	44	Dec	372	53	23

Base name: MCLB BARSTOW (DAGGETT FAA AP)

State: CA - California

Latitude: 34d 51m Longitude: 116d 47m

Annual Heating Degree Days: 2071

Winter Design Temperatures: (99%) 27 (97.5%) 31 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	518	48	8	May	23	73	40	Sep	0	80	43
Feb	338	53	17	Jun	0	82	46	Oct	42	69	25
Mar	255	58	23	Jul	0	89	50	Nov	269	56	21
Apr	121	64	31	Aug	0	87	55	Dec	505	49	5

Military Installation Database List for : CA - California

Base name: NAS ALAMEDA
State: CA - California
Latitude: 37d 47m Longitude: 122d 19m

Annual Heating Degree Days: 2460

Winter Design Temperatures: (99%) 40 (97.5%) 42 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	464	50	30	May	166	60	42	Sep	36	66	50
Feb	321	54	34	Jun	92	63	48	Oct	85	63	44
Mar	296	56	36	Jul	69	64	48	Nov	235	57	38
Apr	224	58	38	Aug	55	64	40	Dec	417	52	27

Base name: NAS LEMOORE
State: CA - California
Latitude: 36d 20m Longitude: 119d 57m

Annual Heating Degree Days: 2639

Winter Design Temperatures: (99%) 26 (97.5%) 29 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	610	45	14	May	45	68	34	Sep	4	74	41
Feb	393	51	21	Jun	3	75	43	Oct	90	65	24
Mar	335	54	22	Jul	0	81	47	Nov	362	53	22
Apr	188	60	30	Aug	0	79	48	Dec	609	45	18

Base name: NAS MIRAMAR
State: CA - California
Latitude: 32d 52m Longitude: 117d 8m

Annual Heating Degree Days: 1633

Winter Design Temperatures: (99%) 39 (97.5%) 41 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	312	55	28	May	108	62	42	Sep	4	71	49
Feb	261	56	34	Jun	39	66	46	Oct	40	66	33
Mar	270	56	33	Jul	1	71	50	Nov	145	61	34
Apr	186	59	39	Aug	0	72	50	Dec	267	57	28

Military Installation Database List for : CA - California

Base name: NAS MOFFETT FIELD

State: CA - California

Latitude: 37d 25m Longitude: 122d 3m

Annual Heating Degree Days: 2650

Winter Design Temperatures: (99%) 36 (97.5%) 38 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	485	49	21	May	163	60	38	Sep	39	66	41
Feb	356	52	26	Jun	72	64	43	Oct	118	62	33
Mar	351	54	30	Jul	34	66	45	Nov	289	55	29
Apr	254	57	32	Aug	29	66	47	Dec	460	50	27

Base name: NAS NORTH IS SAN DIEGO

State: CA - California

Latitude: 32d 42m Longitude: 117d 12m

Annual Heating Degree Days: 1413

Winter Design Temperatures: (99%) 44 (97.5%) 45 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	290	56	30	May	82	63	47	Sep	2	70	54
Feb	231	57	38	Jun	29	65	54	Oct	29	66	42
Mar	219	58	41	Jul	2	69	57	Nov	134	61	40
Apr	144	60	44	Aug	0	71	57	Dec	251	57	37

Base name: NAVCOMMSTA STOCKTON

State: CA - California

Latitude: 37d 54m Longitude: 121d 15m

Annual Heating Degree Days: 2674

Winter Design Temperatures: (99%) 29 (97.5%) 31 Deg F

Mean Annual Temperature : 62 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	614	45	16	May	52	66	38	Sep	0	73	42
Feb	412	50	24	Jun	8	73	45	Oct	76	65	33
Mar	350	54	27	Jul	0	78	49	Nov	351	53	25
Apr	206	59	32	Aug	0	77	47	Dec	605	46	21

Military Installation Database List for : CA - California

Base name: NAVHOSP CAMP PENDLETON (ESCONDIDO)
State: CA - California
Latitude: 33d 19m Longitude: 117d 21m

Annual Heating Degree Days: 2006

Winter Design Temperatures: (99%) 35 (97.5%) 38 Deg F

Mean Annual Temperature : 62 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	397	52	17	May	94	63	34	Sep	0	71	37
Feb	314	54	24	Jun	32	68	39	Oct	79	65	29
Mar	298	56	26	Jul	0	73	43	Nov	228	58	21
Apr	192	59	31	Aug	0	74	44	Dec	372	53	23

Base name: NAVHOSP LEMOORE
State: CA - California
Latitude: 36d 15m Longitude: 119d 54m

Annual Heating Degree Days: 2639

Winter Design Temperatures: (99%) 26 (97.5%) 29 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	610	45	14	May	45	58	34	Sep	4	74	41
Feb	393	51	21	Jun	3	75	43	Oct	90	65	24
Mar	335	54	22	Jul	0	81	47	Nov	362	53	22
Apr	188	60	30	Aug	0	79	48	Dec	609	45	18

Base name: NAVHOSP OAKLAND
State: CA - California
Latitude: 37d 46m Longitude: 122d 8m

Annual Heating Degree Days: 2877

Winter Design Temperatures: (99%) 38 (97.5%) 40 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	496	49	25	May	196	59	39	Sep	61	65	41
Feb	350	53	28	Jun	117	62	43	Oct	124	62	36
Mar	347	54	32	Jul	68	64	48	Nov	300	55	33
Apr	274	56	35	Aug	67	64	48	Dec	477	50	7

Military Installation Database List for : CA - California

Base name: NAVHOSP SAN DIEGO

State: CA - California

Latitude: 32d 42m Longitude: 117d 9m

Annual Heating Degree Days: 1413

Winter Design Temperatures: (99%) 44 (97.5%) 45 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	290	56	30	May	82	63	47	Sep	2	70	54
Feb	231	57	38	Jun	29	65	54	Oct	29	66	42
Mar	219	58	41	Jul	2	69	57	Nov	134	61	40
Apr	144	60	44	Aug	0	71	57	Dec	251	57	37

Base name: NAVPGSCOL MONTEREY

State: CA - California

Latitude: 36d 36m Longitude: 121d 52m

Annual Heating Degree Days: 3170

Winter Design Temperatures: (99%) 36 (97.5%) 38 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	422	51	22	May	282	56	38	Sep	104	62	43
Feb	336	53	26	Jun	204	58	42	Oct	145	61	35
Mar	372	53	32	Jul	174	60	43	Nov	258	56	35
Apr	333	54	35	Aug	149	61	45	Dec	391	52	23

Base name: NAVPHIBASE CORONADO SAN DIEGO

State: CA - California

Latitude: 32d 40m Longitude: 117d 10m

Annual Heating Degree Days: 1413

Winter Design Temperatures: (99%) 44 (97.5%) 45 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	290	56	30	May	82	63	47	Sep	2	70	54
Feb	231	57	38	Jun	29	65	54	Oct	29	66	42
Mar	219	58	41	Jul	2	69	57	Nov	134	61	40
Apr	144	60	44	Aug	0	71	57	Dec	251	57	37

Military Installation Database List for : CA - California

Base name: NAVSECGRUACT SKAGGS IS (SONOMA)

State: CA - California

Latitude: 38d 12m Longitude: 122d 23m

Annual Heating Degree Days: 2695

Winter Design Temperatures: (99%) 30 (97.5%) 32 Deg F

Mean Annual Temperature : 60 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	588	46	20	May	110	64	27	Sep	10	69	34
Feb	396	52	20	Jun	28	68	31	Oct	80	63	30
Mar	352	54	24	Jul	4	70	38	Nov	321	53	22
Apr	232	58	27	Aug	3	70	36	Dec	571	47	17

Base name: NAVSTA MARE ISLAND (NAPA STATE HOSP)

State: CA - California

Latitude: 38d 5m Longitude: 122d 16m

Annual Heating Degree Days: 2749

Winter Design Temperatures: (99%) 30 (97.5%) 32 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	539	48	19	May	143	61	30	Sep	33	67	36
Feb	372	52	23	Jun	62	65	34	Oct	104	63	28
Mar	363	53	23	Jul	13	68	38	Nov	321	54	25
Apr	270	56	27	Aug	17	67	37	Dec	512	49	17

Base name: NAVSTA TREASURE ISLAND (SAN FRAN FED BLDG)

State: CA - California

Latitude: 37d 49m Longitude: 122d 22m

Annual Heating Degree Days: 3071

Winter Design Temperatures: (99%) 40 (97.5%) 42 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	428	51	26	May	260	57	39	Sep	109	62	41
Feb	311	54	30	Jun	201	58	43	Oct	124	62	37
Mar	332	54	31	Jul	202	59	45	Nov	234	57	31
Apr	294	55	35	Aug	173	60	47	Dec	403	52	24

Military Installation Database List for : CA - California

Base name: NAVWPNCEN CHINA LAKE

State: CA - California

Latitude: 35d 41m Longitude: 117d 41m

Annual Heating Degree Days: 2605

Winter Design Temperatures: (99%) 24 (97.5%) 27 Deg F

Mean Annual Temperature : 65 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	648	44	6	May	32	71	38	Sep	2	68	40
Feb	432	50	14	Jun	2	80	42	Oct	62	66	32
Mar	329	55	22	Jul	0	87	55	Nov	362	53	20
Apr	113	64	28	Aug	0	84	53	Dec	623	45	8

Base name: NSC OAKLAND

State: CA - California

Latitude: 37d 48m Longitude: 122d 10m

Annual Heating Degree Days: 2877

Winter Design Temperatures: (99%) 38 (97.5%) 40 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	496	49	26	May	196	59	39	Sep	61	65	41
Feb	350	53	28	Jun	117	62	43	Oct	124	62	36
Mar	347	54	32	Jul	68	64	48	Nov	300	55	33
Apr	274	56	35	Aug	67	64	48	Dec	477	50	7

Base name: NSY LONG BEACH (LONG BEACH WSO)

State: CA - California

Latitude: 33d 45m Longitude: 118d 14m

Annual Heating Degree Days: 1485

Winter Design Temperatures: (99%) 40 (97.5%) 42 Deg F

Mean Annual Temperature : 64 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	307	55	25	May	69	64	40	Sep	6	72	50
Feb	245	57	33	Jun	23	68	47	Oct	39	68	39
Mar	225	58	33	Jul	0	73	51	Nov	140	61	34
Apr	150	61	38	Aug	0	74	55	Dec	281	56	31

Military Installation Database List for : CA - California

Base name: NSY MARE ISLAND VALLEJO

State: CA - California

Latitude: 38d 5m Longitude: 122d 16m

Annual Heating Degree Days: 2749

Winter Design Temperatures: (99%) 30 (97.5%) 32 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	539	48	36	May	143	61	53	Sep	33	67	58
Feb	372	52	40	Jun	62	65	56	Oct	104	63	51
Mar	363	53	46	Jul	13	68	58	Nov	321	54	42
Apr	270	56	47	Aug	17	67	61	Dec	512	49	36

Base name: PACMISTESTCEN PT MUGU

State: CA - California

Latitude: 34d 7m Longitude: 119d 7m

Annual Heating Degree Days: 2279

Winter Design Temperatures: (99%) 38 (97.5%) 40 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	335	55	29	May	197	59	35	Sep	29	66	44
Feb	281	55	27	Jun	112	62	39	Oct	102	63	33
Mar	328	55	33	Jul	55	64	43	Nov	214	58	35
Apr	271	56	36	Aug	20	66	49	Dec	335	54	27

Base name: PWC SAN DIEGO

State: CA - California

Latitude: 32d 41m Longitude: 117d 7m

Annual Heating Degree Days: 1413

Winter Design Temperatures: (99%) 44 (97.5%) 45 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	290	56	30	May	82	63	47	Sep	2	70	54
Feb	231	57	38	Jun	29	65	54	Oct	29	66	42
Mar	219	58	41	Jul	2	69	57	Nov	134	61	40
Apr	144	60	44	Aug	0	71	57	Dec	251	57	37

Military Installation Database List for : CA - California

Base name: PWC SAN FRANCISCO

State: CA - California

Latitude: 36d 49m Longitude: 122d 21m

Annual Heating Degree Days: 3071

Winter Design Temperatures: (99%) 35 (97.5%) 38 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	428	51	29	May	260	57	40	Sep	109	62	43
Feb	311	54	29	Jun	201	58	36	Oct	124	62	41
Mar	332	54	34	Jul	202	59	45	Nov	234	57	33
Apr	294	55	35	Aug	173	60	47	Dec	403	52	26

Base name: SUBASE SAN DIEGO

State: CA - California

Latitude: 32d 42m Longitude: 117d 12m

Annual Heating Degree Days: 1413

Winter Design Temperatures: (99%) 44 (97.5%) 45 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	290	54	30	May	82	63	47	Sep	2	70	54
Feb	231	57	38	Jun	29	65	54	Oct	29	66	42
Mar	219	58	41	Jul	2	69	55	Nov	134	61	40
Apr	144	60	44	Aug	0	71	57	Dec	251	57	37

Base name: WPNSTA CONCORD (FAIRFIELD FIRE STATION)

State: CA - California

Latitude: 38d 1m Longitude: 122d 0m

Annual Heating Degree Days: 2686

Winter Design Temperatures: (99%) 24 (97.5%) 27 Deg F

Mean Annual Temperature : 60 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	580	46	18	May	94	63	35	Sep	12	70	39
Feb	389	51	24	Jun	29	68	37	Oct	91	64	32
Mar	341	54	20	Jul	0	72	40	Nov	339	54	21
Apr	235	58	30	Aug	6	72	40	Dec	570	47	18

Military Installation Database List for : CA - California

Base name: WPNSTA SEAL BEACH (LONG BEACH)
State: CA - California
Latitude: 33d 44m Longitude: 118d 5m

Annual Heating Degree Days: 1485

Winter Design Temperatures: (99%) 40 (97.5%) 42 Deg F

Mean Annual Temperature : 64 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	307	55	25	May	69	64	40	Sep	6	72	50
Feb	245	57	33	Jun	23	73	47	Oct	39	68	39
Mar	225	58	33	Jul	0	73	51	Nov	140	61	34
Apr	150	61	38	Aug	0	74	55	Dec	281	56	31

Military Installation Database List for : CT - Connecticut

Base name: SUBASE NEW LONDON (GROTON)

State: CT - Connecticut

Latitude: 41d 24m Longitude: 72d 5m

Annual Heating Degree Days: 5918

Winter Design Temperatures: (99%) 4 (97.5%) 9 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1141	28	-14	May	239	58	30	Sep	94	64	29
Feb	1000	29	-12	Jun	31	67	38	Oct	366	53	22
Mar	866	37	0	Jul	0	73	47	Nov	648	43	8
Apr	513	48	4	Aug	6	71	41	Dec	1014	32	-10

Military Installation Database List for : DC -

Base name: COMNAVDIST WASHINGTON

State: DC -

Latitude: 38d 49m Longitude: 76d 52m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 13 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3

Base name: MARBKS WASHINGTON

State: DC -

Latitude: 38d 53m Longitude: 77d 0m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 13 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3

Base name: NAVCOMMU WASHINGTON

State: DC -

Latitude: 38d 52m Longitude: 77d 0m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 13 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3

Military Installation Database List for : DC -

Base name: NAVSECSTA WASH

State: DC -

Latitude: 38d 56m Longitude: 77d 5m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 13 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3

Base name: NRL WASHINGTON

State: DC -

Latitude: 38d 49m Longitude: 77d 5m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 13 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3

Military Installation Database List for : FL - Florida

Base name: NAS CECIL FIELD

State: FL - Florida

Latitude: 30d 13m Longitude: 81d 53m

Annual Heating Degree Days: 1254

Winter Design Temperatures: (99%) 28 (97.5%) 30 Deg F

Mean Annual Temperature : 69 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	354	54	15	May	1	76	47	Sep	0	79	49
Feb	263	57	22	Jun	0	80	58	Oct	26	71	37
Mar	141	63	24	Jul	0	82	61	Nov	145	62	23
Apr	26	70	37	Aug	0	82	64	Dec	298	56	12

Base name: NAS JACKSONVILLE

State: FL - Florida

Latitude: 30d 14m Longitude: 81d 40m

Annual Heating Degree Days: 1085

Winter Design Temperatures: (99%) 28 (97.5%) 31 Deg F

Mean Annual Temperature : 70 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	306	55	14	May	1	76	47	Sep	0	80	49
Feb	230	57	24	Jun	0	81	58	Oct	18	72	38
Mar	121	63	23	Jul	0	83	64	Nov	122	64	27
Apr	21	70	40	Aug	0	82	60	Dec	266	57	14

Base name: NAS KEY WEST

State: FL - Florida

Latitude: 24d 35m Longitude: 81d 41m

Annual Heating Degree Days: 89

Winter Design Temperatures: (99%) 53 (97.5%) 55 Deg F

Mean Annual Temperature : 78 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	35	69	43	May	0	80	66	Sep	0	83	66
Feb	24	70	45	Jun	0	83	68	Oct	0	80	60
Mar	7	74	47	Jul	0	84	70	Nov	3	75	50
Apr	0	77	58	Aug	0	84	69	Dec	20	71	46

Military Installation Database List for : FL - Florida

Base name: NAS PENSACOLA

State: FL - Florida

Latitude: 30d 21m Longitude: 87d 19m

Annual Heating Degree Days: 1594

Winter Design Temperatures: (99%) 25 (97.5%) 29 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	443	51	9	May	3	75	44	Sep	2	79	46
Feb	331	54	19	Jun	0	80	54	Oct	38	70	34
Mar	196	60	21	Jul	0	82	61	Nov	190	60	24
Apr	40	68	37	Aug	0	82	59	Dec	351	54	7

Base name: NAS WHITING FLD MILTON

State: FL - Florida

Latitude: 30d 43m Longitude: 87d 1m

Annual Heating Degree Days: 1662

Winter Design Temperatures: (99%) 24 (97.5%) 28 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	461	52	6	May	3	75	45	Sep	2	78	42
Feb	334	54	12	Jun	0	80	55	Oct	43	69	33
Mar	187	61	19	Jul	0	82	61	Nov	211	59	22
Apr	42	68	32	Aug	0	82	60	Dec	379	53	6

Base name: NAVSTA MAYPORT (JACKSONVILLE BEACH)

State: FL - Florida

Latitude: 30d 24m Longitude: 81d 25m

Annual Heating Degree Days: 1197

Winter Design Temperatures: (99%) 30 (97.5%) 34 Deg F

Mean Annual Temperature : 69 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	347	55	14	May	0	74	47	Sep	0	79	53
Feb	278	56	21	Jun	0	79	55	Oct	10	72	38
Mar	153	62	24	Jul	0	81	57	Nov	117	62	25
Apr	14	68	37	Aug	0	81	63	Dec	278	57	15

Military Installation Database List for : FL - Florida

Base name: NETPMSA DET SAUFLEY FIELD

State: FL - Florida

Latitude: 30d 28m Longitude: 87d 21m

Annual Heating Degree Days: 1571

Winter Design Temperatures: (99%) 25 (97.5%) 29 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	445	52	5	May	0	75	44	Sep	0	79	43
Feb	327	54	13	Jun	0	81	54	Oct	35	69	34
Mar	184	60	21	Jul	0	82	61	Nov	192	60	22
Apr	29	68	33	Aug	0	82	59	Dec	359	54	11

Base name: NTC ORLANDO

State: FL - Florida

Latitude: 28d 33m Longitude: 81d 23m

Annual Heating Degree Days: 656

Winter Design Temperatures: (99%) 34 (97.5%) 37 Deg F

Mean Annual Temperature : 72 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	212	61	24	May	0	77	52	Sep	0	81	56
Feb	172	62	28	Jun	0	81	60	Oct	0	75	43
Mar	68	67	31	Jul	0	82	67	Nov	47	68	29
Apr	0	72	40	Aug	0	83	64	Dec	157	62	20

Base name: PWC PENSACOLA

State: FL - Florida

Latitude: 30d 31m Longitude: 87d 12m

Annual Heating Degree Days: 1571

Winter Design Temperatures: (99%) 25 (97.5%) 29 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	445	52	9	May	0	75	44	Sep	0	79	46
Feb	327	54	19	Jun	0	81	54	Oct	35	69	34
Mar	184	60	21	Jul	0	82	61	Nov	192	60	24
Apr	29	68	37	Aug	0	82	59	Dec	359	54	7

Military Installation Database List for : GA - Georgia

Base name: MCLB ALBANY

State: GA - Georgia

Latitude: 31d 36m Longitude: 84d 5m

Annual Heating Degree Days: 2062

Winter Design Temperatures: (99%) 22 (97.5%) 25 Deg F

Mean Annual Temperature : 66 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	527	49	1	May	11	73	39	Sep	0	77	37
Feb	422	51	11	Jun	0	79	46	Oct	69	67	29
Mar	247	58	10	Jul	0	81	57	Nov	264	57	14
Apr	58	66	27	Aug	0	81	56	Dec	464	50	6

Base name: NAS ATLANTA

State: GA - Georgia

Latitude: 33d 55m Longitude: 84d 31m

Annual Heating Degree Days: 3021

Winter Design Temperatures: (99%) 21 (97.5%) 26 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	716	42	-8	May	37	69	37	Sep	7	73	36
Feb	563	45	5	Jun	5	76	46	Oct	130	62	28
Mar	400	53	10	Jul	0	79	53	Nov	394	52	3
Apr	133	62	26	Aug	0	78	55	Dec	636	46	0

Base name: NAVSCSCOL ATHENS

State: GA - Georgia

Latitude: 33d 57m Longitude: 83d 19m

Annual Heating Degree Days: 2965

Winter Design Temperatures: (99%) 16 (97.5%) 21 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	701	42	-4	May	30	69	37	Sep	0	73	36
Feb	557	45	5	Jun	0	76	45	Oct	129	62	24
Mar	402	52	11	Jul	0	79	55	Nov	387	52	7
Apr	130	62	27	Aug	0	79	54	Dec	629	45	2

Military Installation Database List for : GA - Georgia

Base name: SUBASE KINGS BAY

State: GA - Georgia

Latitude: 30d 47m Longitude: 81d 32m

Annual Heating Degree Days: 1197

Winter Design Temperatures: (99%) 30 (97.5%) 34 Deg F

Mean Annual Temperature : 69 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	347	55	14	May	0	74	47	Sep	0	79	53
Feb	278	56	21	Jun	0	79	55	Oct	10	72	38
Mar	153	62	24	Jul	0	81	57	Nov	117	62	25
Apr	14	68	37	Aug	0	81	63	Dec	278	57	15

Military Installation Database List for : GQ -

Base name: NAVSTA AGANA GUAM

State: GQ -

Latitude: 13d 30m Longitude: 144d 48m

Annual Heating Degree Days: 0

Winter Design Temperatures: (99%) 72 (97.5%) 73 Deg F

Mean Annual Temperature : 81 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	0	80	67	May	0	82	70	Sep	0	82	70
Feb	0	80	65	Jun	0	82	70	Oct	0	82	67
Mar	0	80	66	Jul	0	82	70	Nov	0	82	68
Apr	0	81	68	Aug	0	82	70	Dec	0	81	68

Base name: PWC GUAM

State: GQ -

Latitude: 13d 25m Longitude: 144d 40m

Annual Heating Degree Days: 0

Winter Design Temperatures: (99%) 72 (97.5%) 73 Deg F

Mean Annual Temperature : 81 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	0	80	67	May	0	82	70	Sep	0	82	70
Feb	0	80	65	Jun	0	82	70	Oct	0	82	67
Mar	0	80	66	Jul	0	82	70	Nov	0	82	68
Apr	0	81	68	Aug	0	82	70	Dec	0	81	68

Military Installation Database List for : HI - Hawaii

Base name: MCAS KANEOHE BAY

State: HI - Hawaii

Latitude: 21d 27m Longitude: 157d 47m

Annual Heating Degree Days: 0

Winter Design Temperatures: (99%) 66 (97.5%) 68 Deg F

Mean Annual Temperature : 76 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	0	74	60	May	0	76	62	Sep	0	80	68
Feb	0	73	60	Jun	0	78	67	Oct	0	79	65
Mar	0	74	60	Jul	0	78	67	Nov	0	77	62
Apr	0	75	61	Aug	0	79	68	Dec	0	75	60

Base name: NAS BARBERS POINT

State: HI - Hawaii

Latitude: 21d 19m Longitude: 158d 5m

Annual Heating Degree Days: 0

Winter Design Temperatures: (99%) 59 (97.5%) 62 Deg F

Mean Annual Temperature : 76 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	0	73	50	May	0	76	62	Sep	0	79	63
Feb	0	72	52	Jun	0	78	61	Oct	0	78	61
Mar	0	73	54	Jul	0	79	64	Nov	0	76	57
Apr	0	75	54	Aug	0	79	61	Dec	0	74	53

Base name: NAVSTA PEARL HARBOR (HONOLULU)

State: HI - Hawaii

Latitude: 21d 20m Longitude: 157d 57m

Annual Heating Degree Days: 0

Winter Design Temperatures: (99%) 60 (97.5%) 62 Deg F

Mean Annual Temperature : 77 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	0	73	52	May	0	78	61	Sep	0	81	66
Feb	0	73	53	Jun	0	79	65	Oct	0	80	64
Mar	0	74	55	Jul	0	80	66	Nov	0	77	48
Apr	0	76	56	Aug	0	81	67	Dec	0	74	54

Military Installation Database List for : HI - Hawaii

Base name: PWC PEARL HARBOR (HONOLULU)

State: HI - Hawaii

Latitude: 21d 20m Longitude: 157d 57m

Annual Heating Degree Days: 0

Winter Design Temperatures: (99%) 60 (97.5%) 62 Deg F

Mean Annual Temperature : 77 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	0	73	52	May	0	78	61	Sep	0	81	66
Feb	0	73	53	Jun	0	79	65	Oct	0	80	64
Mar	0	74	55	Jul	0	80	66	Nov	0	77	48
Apr	0	76	56	Aug	0	81	67	Dec	0	74	54

Military Installation Database List for : IL - Illinois

Base name: NAS GLENVIEW

State: IL - Illinois

Latitude: 42d 5m Longitude: 87d 50m

Annual Heating Degree Days: 6511

Winter Design Temperatures: (99%) -8 (97.5%) -3 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1330	22	-23	May	250	59	28	Sep	101	65	32
Feb	1091	26	-16	Jun	58	69	34	Oct	363	54	21
Mar	908	36	-9	Jul	6	74	41	Nov	747	40	-5
Apr	507	48	11	Aug	10	72	45	Dec	1140	28	-14

Base name: PWC GREAT LAKES (WAUKEGAN)

State: IL - Illinois

Latitude: 42d 18m Longitude: 87d 50m

Annual Heating Degree Days: 6881

Winter Design Temperatures: (99%) -6 (97.5%) -1 Deg F

Mean Annual Temperature : 48 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1389	20	-27	May	278	57	24	Sep	94	63	29
Feb	1131	25	-19	Jun	66	67	34	Oct	395	53	18
Mar	970	34	-12	Jul	7	72	45	Nov	780	39	-5
Apr	564	46	8	Aug	17	71	40	Dec	1190	27	-23

Military Installation Database List for : IN - Indiana

Base name: NAVAVIONICCEN INDIANAPOLIS

State: IN - Indiana

Latitude: 39d 47m Longitude: 86d 8m

Annual Heating Degree Days: 5608

Winter Design Temperatures: (99%) -2 (97.5%) 2 Deg F

Mean Annual Temperature : 52 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1197	26	-22	May	161	63	30	Sep	56	67	36
Feb	983	30	-12	Jun	14	72	40	Oct	322	55	20
Mar	787	40	0	Jul	0	75	49	Nov	675	43	0
Apr	384	52	18	Aug	0	74	45	Dec	1029	32	-20

Base name: NAVWPNSUPPCEN CRANE

State: IN - Indiana

Latitude: 38d 49m Longitude: 86d 52m

Annual Heating Degree Days: 4717

Winter Design Temperatures: (99%) 3 (97.5%) 9 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1066	31	-21	May	107	65	30	Sep	27	70	32
Feb	848	35	-14	Jun	7	74	39	Oct	236	59	20
Mar	663	44	-2	Jul	0	77	42	Nov	579	46	-5
Apr	269	57	17	Aug	0	76	41	Dec	915	36	-14

Military Installation Database List for : KY - Kentucky

Base name: NAVORDSTA LOUISVILLE

State: KY - Kentucky

Latitude: 38d 11m Longitude: 85d 44m

Annual Heating Degree Days: 4525

Winter Design Temperatures: (99%) 3 (97.5%) 8 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1008	33	-20	May	98	65	31	Sep	32	70	33
Feb	815	36	-19	Jun	5	74	42	Oct	250	58	23
Mar	624	45	-1	Jul	0	78	50	Nov	567	46	-1
Apr	264	57	22	Aug	0	76	46	Dec	862	37	-9

Military Installation Database List for : LA - Louisiana

Base name: NAS NEW ORLEANS

State: LA - Louisiana

Latitude: 29d 50m Longitude: 90d 1m

Annual Heating Degree Days: 1517

Winter Design Temperatures: (99%) 27 (97.5%) 30 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	423	52	14	May	2	75	47	Sep	1	79	46
Feb	329	54	20	Jun	0	80	53	Oct	34	70	39
Mar	177	61	23	Jul	0	82	62	Nov	178	61	26
Apr	36	69	36	Aug	0	82	61	Dec	337	55	15

Base name: NAVSUPPACT NEW ORLEANS

State: LA - Louisiana

Latitude: 29d 57m Longitude: 90d 2m

Annual Heating Degree Days: 1517

Winter Design Temperatures: (99%) 27 (97.5%) 30 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	423	52	14	May	2	75	47	Sep	1	79	46
Feb	329	54	20	Jun	0	80	53	Oct	34	70	39
Mar	177	61	23	Jul	0	82	62	Nov	178	61	26
Apr	36	69	36	Aug	0	82	61	Dec	337	55	15

Military Installation Database List for : ME - Maine

Base name: NAS BRUNSWICK

State: ME - Maine

Latitude: 43d 53m Longitude: 69d 56m

Annual Heating Degree Days: 7453

Winter Design Temperatures: (99%) -7 (97.5%) -3 Deg F

Mean Annual Temperature : 45 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1381	21	-30	May	360	54	28	Sep	197	59	28
Feb	1191	23	-25	Jun	110	63	37	Oct	494	49	17
Mar	1017	32	-10	Jul	18	69	42	Nov	783	39	5
Apr	657	43	13	Aug	39	67	37	Dec	1206	26	-21

Military Installation Database List for : MD - Maryland

Base name: DTRCEN ANNAPOLIS

State: MD - Maryland

Latitude: 38d 59m Longitude: 76d 29m

Annual Heating Degree Days: 4486

Winter Design Temperatures: (99%) 10 (97.5%) 15 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	956	31	-5	May	107	64	33	Sep	38	69	30
Feb	815	35	-4	Jun	13	71	42	Oct	245	57	24
Mar	639	45	10	Jul	0	76	57	Nov	526	48	10
Apr	312	55	22	Aug	1	75	43	Dec	834	38	-1

Base name: DTRCEN BETHESDA

State: MD - Maryland

Latitude: 38d 59m Longitude: 77d 12m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 13 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3

Base name: NATNAVMEDCEN BETHESDA

State: MD - Maryland

Latitude: 39d 0m Longitude: 77d 6m

Annual Heating Degree Days: 4122

Winter Design Temperatures: (99%) 13 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	924	35	-5	May	68	66	36	Sep	13	71	39
Feb	770	38	4	Jun	0	75	47	Oct	197	59	29
Mar	595	46	14	Jul	0	79	54	Nov	489	49	16
Apr	257	57	24	Aug	0	78	49	Dec	809	39	3

Military Installation Database List for : MD - Maryland

Base name: NAVAIRTESTCEN PATUXENT RIVER

State: MD - Maryland

Latitude: 38d 17m Longitude: 76d 25m

Annual Heating Degree Days: 4096

Winter Design Temperatures: (99%) 14 (97.5%) 17 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	889	37	-3	May	90	65	36	Sep	19	71	46
Feb	771	38	6	Jun	6	73	45	Oct	183	60	30
Mar	606	46	13	Jul	0	78	55	Nov	460	50	16
Apr	299	56	26	Aug	0	77	53	Dec	773	40	10

Base name: NAVORDSTA INDIAN HEAD (QUANTICO)

State: MD - Maryland

Latitude: 38d 36m Longitude: 77d 10m

Annual Heating Degree Days: 4294

Winter Design Temperatures: (99%) 10 (97.5%) 14 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	891	36	-5	May	92	65	31	Sep	37	70	38
Feb	769	38	0	Jun	7	74	43	Oct	229	59	24
Mar	612	46	8	Jul	0	78	49	Nov	529	48	13
Apr	292	56	24	Aug	0	76	48	Dec	836	38	4

Base name: USNA ANNAPOLIS

State: MD - Maryland

Latitude: 38d 58m Longitude: 76d 28m

Annual Heating Degree Days: 4486

Winter Design Temperatures: (99%) 10 (97.5%) 15 Deg F

Mean Annual Temperature : 56 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	956	31	-5	May	107	64	33	Sep	38	69	30
Feb	815	35	-4	Jun	13	71	42	Oct	245	57	24
Mar	639	45	10	Jul	0	76	47	Nov	526	48	10
Apr	312	55	22	Aug	1	75	43	Dec	834	39	-1

Military Installation Database List for : MD - Maryland

Base name: WHTOAKLABNSWCDET SILVER SPRINGS (BELTSVILLE)

State: MD - Maryland

Latitude: 39d 2m Longitude: 76d 59m

Annual Heating Degree Days: 5053

Winter Design Temperatures: (99%) 12 (97.5%) 15 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1045	31	-15	May	139	62	26	Sep	40	67	30
Feb	896	33	-12	Jun	9	70	37	Oct	318	55	20
Mar	716	42	-1	Jul	0	75	45	Nov	600	45	12
Apr	369	53	18	Aug	0	74	38	Dec	921	35	-6

Military Installation Database List for : MA - Massachusetts

Base name: NAS SOUTH WEYMOUTH

State: MA - Massachusetts

Latitude: 42d 9m Longitude: 70d 56m

Annual Heating Degree Days: 6094

Winter Design Temperatures: (99%) 3 (97.5%) 7 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1186	27	-15	May	245	58	28	Sep	112	63	32
Feb	1029	28	-10	Jun	60	67	38	Oct	376	53	18
Mar	869	37	2	Jul	5	73	45	Nov	648	43	13
Apr	527	48	15	Aug	12	71	38	Dec	1025	32	-10

Military Installation Database List for : MS - Mississippi

Base name: CBC GULFPORT
State: MS - Mississippi
Latitude: 30d 22m Longitude: 89d 6m

Annual Heating Degree Days: 1539

Winter Design Temperatures: (99%) 28 (97.5%) 31 Deg F

Mean Annual Temperature : 68 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	435	52	4	May	0	75	44	Sep	0	78	42
Feb	324	54	11	Jun	0	81	52	Oct	30	69	33
Mar	175	60	22	Jul	0	82	58	Nov	193	60	20
Apr	29	68	34	Aug	0	82	59	Dec	353	54	10

Base name: NAS MERIDIAN
State: MS - Mississippi
Latitude: 32d 33m Longitude: 88d 34m

Annual Heating Degree Days: 2670

Winter Design Temperatures: (99%) 17 (97.5%) 21 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	659	44	1	May	22	70	36	Sep	7	75	37
Feb	521	47	9	Jun	0	77	45	Oct	125	63	27
Mar	331	55	12	Jul	0	81	52	Nov	348	54	17
Apr	106	64	28	Aug	0	80	52	Dec	551	48	2

Military Installation Database List for : NC - North Carolina

Base name: MCAS CHERRY POINT

State: NC - North Carolina

Latitude: 34d 54m Longitude: 76d 53m

Annual Heating Degree Days: 2630

Winter Design Temperatures: (99%) 19 (97.5%) 23 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	619	45	8	May	27	70	33	Sep	5	75	46
Feb	518	47	10	Jun	2	76	44	Oct	94	65	26
Mar	375	53	3	Jul	0	80	52	Nov	304	56	18
Apr	143	62	29	Aug	0	79	57	Dec	543	48	14

Base name: MCB CAMP LEJEUNE (MCAS NEW RIVER)

State: NC - North Carolina

Latitude: 34d 40m Longitude: 77d 21m

Annual Heating Degree Days: 2740

Winter Design Temperatures: (99%) 19 (97.5%) 22 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	655	44	8	May	30	70	32	Sep	5	75	44
Feb	553	46	13	Jun	2	76	45	Oct	117	64	24
Mar	374	53	12	Jul	0	80	54	Nov	309	55	19
Apr	149	62	26	Aug	0	80	55	Dec	546	48	10

Base name: NAVHOSP BEAUFORT

State: NC - North Carolina

Latitude: 32d 23m Longitude: 80d 43m

Annual Heating Degree Days: 1999

Winter Design Temperatures: (99%) 24 (97.5%) 27 Deg F

Mean Annual Temperature : 66 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	528	48	10	May	7	73	41	Sep	1	77	45
Feb	415	51	16	Jun	0	79	56	Oct	63	67	31
Mar	250	58	21	Jul	0	82	62	Nov	227	58	19
Apr	67	66	36	Aug	0	81	61	Dec	441	51	12

Military Installation Database List for : NC - North Carolina

Base name: NAVHOSP CAMP LEJEUNE (MCAS NEW RIVER)

State: NC - North Carolina

Latitude: 34d 55m Longitude: 77d 30m

Annual Heating Degree Days: 2740

Winter Design Temperatures: (99%) 19 (97.5%) 22 Deg F

Mean Annual Temperature : 63 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	655	44	8	May	30	70	32	Sep	5	75	44
Feb	553	46	13	Jun	2	76	45	Oct	117	64	24
Mar	374	53	12	Jul	0	80	54	Nov	309	55	19
Apr	149	62	26	Aug	0	80	55	Dec	546	48	10

Military Installation Database List for : NH - New Hampshire

Base name: NSY PORTSMOUTH (DURHAM AND PEASE AFB)

State: NH - New Hampshire

Latitude: 43d 5m Longitude: 70d 44m

Annual Heating Degree Days: 6919

Winter Design Temperatures: (99%) 1 (97.5%) 5 Deg F

Mean Annual Temperature : 47 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1299	23	-35	May	303	56	22	Sep	155	61	21
Feb	1109	25	-30	Jun	60	65	30	Oct	462	50	5
Mar	958	34	-18	Jul	16	70	35	Nov	768	39	-13
Apr	594	45	9	Aug	26	68	28	Dec	1169	27	-31

Military Installation Database List for : NJ - New Jersey

Base name: NAVAIRENGCEN LAKEHURST

State: NJ - New Jersey

Latitude: 40d 2m Longitude: 74d 21m

Annual Heating Degree Days: 5191

Winter Design Temperatures: (99%) 8 (97.5%) 12 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1039	32	-13	May	181	61	30	Sep	79	66	30
Feb	892	33	-7	Jun	31	70	40	Oct	296	56	17
Mar	750	41	3	Jul	1	75	49	Nov	569	46	14
Apr	427	51	20	Aug	5	73	40	Dec	921	36	2

Base name: NAVAIRPROPCEN TRENTON

State: NJ - New Jersey

Latitude: 40d 13m Longitude: 74d 46m

Annual Heating Degree Days: 4950

Winter Design Temperatures: (99%) 6 (97.5%) 11 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1035	32	-4	May	135	62	35	Sep	39	67	37
Feb	888	33	-2	Jun	5	71	43	Oct	272	57	28
Mar	732	41	8	Jul	0	76	53	Nov	561	46	15
Apr	381	52	24	Aug	0	75	48	Dec	902	36	1

Base name: WPNSTA EARLE COLTS NECK (LONG BRANCH)

State: NJ - New Jersey

Latitude: 40d 20m Longitude: 74d 3m

Annual Heating Degree Days: 5158

Winter Design Temperatures: (99%) 9 (97.5%) 12 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1035	32	-8	May	186	59	29	Sep	47	67	32
Feb	899	33	-12	Jun	17	69	37	Oct	286	56	24
Mar	772	40	4	Jul	0	74	46	Nov	567	46	13
Apr	447	50	17	Aug	0	73	43	Dec	902	36	-2

Military Installation Database List for : NV - Nevada

Base name: NAS FALLON

State: NV - Nevada

Latitude: 39d 25m Longitude: 118d 42m

Annual Heating Degree Days: 5132

Winter Design Temperatures: (99%) 9 (97.5%) 15 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1001	33	-17	May	192	60	23	Sep	85	65	24
Feb	707	40	1	Jun	50	69	36	Oct	346	54	11
Mar	650	44	6	Jul	2	76	38	Nov	698	42	5
Apr	441	51	18	Aug	9	74	32	Dec	951	34	-14

Military Installation Database List for : NY - New York

Base name: NAVSTA NEW YORK (LaGUARDIA)

State: NY - New York

Latitude: 40d 45m Longitude: 74d 0m

Annual Heating Degree Days: 4922

Winter Design Temperatures: (99%) 7 (97.5%) 12 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1029	32	-3	May	149	62	38	Sep	35	68	42
Feb	888	33	-2	Jun	8	71	46	Oct	246	58	30
Mar	744	41	8	Jul	0	76	56	Nov	537	47	17
Apr	393	52	22	Aug	0	75	51	Dec	893	36	-1

Military Installation Database List for : PA - Pennsylvania

Base name: ASO PHILA
State: PA - Pennsylvania
Latitude: 40d 2m Longitude: 75d 5m

Annual Heating Degree Days: 4947

Winter Design Temperatures: (99%) 7 (97.5%) 12 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1048	31	-7	May	127	63	28	Sep	33	68	35
Feb	893	33	-4	Jun	0	72	44	Oct	273	57	25
Mar	719	42	7	Jul	0	77	51	Nov	576	46	15
Apr	363	53	19	Aug	0	75	44	Dec	915	36	1

Base name: NAS WILLOW GROVE
State: PA - Pennsylvania
Latitude: 40d 11m Longitude: 75d 8m

Annual Heating Degree Days: 5359

Winter Design Temperatures: (99%) 5 (97.5%) 10 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1096	30	-9	May	167	61	29	Sep	74	66	34
Feb	931	32	-6	Jun	25	70	39	Oct	320	56	25
Mar	768	41	0	Jul	2	75	50	Nov	608	45	13
Apr	419	51	18	Aug	5	73	43	Dec	944	35	-2

Base name: NAVAIRDEVCEW WARMINSTER (WILLOW GROVE)
State: PA - Pennsylvania
Latitude: 40d 11m Longitude: 75d 3m

Annual Heating Degree Days: 5359

Winter Design Temperatures: (99%) 5 (97.5%) 10 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1096	30	-9	May	167	61	29	Sep	74	66	34
Feb	931	32	-6	Jun	25	70	39	Oct	320	56	25
Mar	768	41	0	Jul	2	75	50	Nov	608	45	13
Apr	419	51	18	Aug	5	73	43	Dec	944	35	-2

Military Installation Database List for : PA - Pennsylvania

Base name: NAVHOSP PHILADELPHIA

State: PA - Pennsylvania

Latitude: 39d 53m Longitude: 75d 15m

Annual Heating Degree Days: 4947

Winter Design Temperatures: (99%) 7 (97.5%) 12 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1048	31	-7	May	127	63	28	Sep	33	68	35
Feb	893	33	-4	Jun	0	72	44	Oct	273	57	25
Mar	719	42	7	Jul	0	77	51	Nov	576	46	15
Apr	363	53	19	Aug	0	75	44	Dec	915	36	1

Base name: NAVSSES PHILADELPHIA

State: PA - Pennsylvania

Latitude: 39d 53m Longitude: 75d 8m

Annual Heating Degree Days: 4947

Winter Design Temperatures: (99%) 7 (97.5%) 12 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1048	31	-7	May	127	63	28	Sep	33	68	35
Feb	893	33	-4	Jun	0	72	44	Oct	273	57	25
Mar	719	42	7	Jul	0	77	51	Nov	576	46	15
Apr	363	53	19	Aug	0	75	44	Dec	915	36	1

Base name: NSY PHILADELPHIA

State: PA - Pennsylvania

Latitude: 39d 53m Longitude: 75d 9m

Annual Heating Degree Days: 4947

Winter Design Temperatures: (99%) 7 (97.5%) 12 Deg F

Mean Annual Temperature : 54 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1048	31	-7	May	127	63	28	Sep	33	68	35
Feb	893	33	-4	Jun	0	72	44	Oct	273	57	25
Mar	719	42	7	Jul	0	77	51	Nov	576	46	15
Apr	363	53	19	Aug	0	75	44	Dec	915	36	1

Military Installation Database List for : PA - Pennsylvania

Base name: SPCC MECHANICSBURG (HARRISBURG)

State: PA - Pennsylvania

Latitude: 40d 13m Longitude: 77d 1m

Annual Heating Degree Days: 5335

Winter Design Temperatures: (99%) 7 (97.5%) 11 Deg F

Mean Annual Temperature : 53 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1104	29	-9	May	150	62	31	Sep	58	67	30
Feb	938	32	-11	Jun	12	71	40	Oct	320	55	23
Mar	756	41	5	Jul	0	76	49	Nov	633	44	10
Apr	384	52	19	Aug	0	74	45	Dec	980	33	-8

Military Installation Database List for : PR -

Base name: NAVSTA ROOSEVELT ROADS

State: PR -

Latitude: 18d 15m Longitude: 65d 38m

Annual Heating Degree Days: 0

Winter Design Temperatures: (99%) 66 (97.5%) 68 Deg F

Mean Annual Temperature : 80 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	0	77	61	May	0	80	64	Sep	0	82	68
Feb	0	77	60	Jun	0	82	68	Oct	0	82	68
Mar	0	78	59	Jul	0	83	71	Nov	0	80	66
Apr	0	79	63	Aug	0	83	68	Dec	0	78	64

Military Installation Database List for : RI - Rhode Island

Base name: NETC NEWPORT (KINGSTON)

State: RI - Rhode Island

Latitude: 41d 30m Longitude: 71d 20m

Annual Heating Degree Days: 6121

Winter Design Temperatures: (99%) 2 (97.5%) 7 Deg F

Mean Annual Temperature : 49 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1141	28	-23	May	290	56	25	Sep	116	62	25
Feb	1000	29	-22	Jun	50	65	30	Oct	394	52	13
Mar	874	37	-10	Jul	8	70	38	Nov	666	43	5
Apr	555	47	9	Aug	13	69	33	Dec	1014	32	-17

Military Installation Database List for : SC - South Carolina

Base name: MCAS BEAUFORT
State: SC - South Carolina
Latitude: 32d 28m Longitude: 80d 43m

Annual Heating Degree Days: 1999

Winter Design Temperatures: (99%) 24 (97.5%) 27 Deg F

Mean Annual Temperature : 66 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	528	48	10	May	7	73	41	Sep	1	77	45
Feb	415	51	16	Jun	0	79	56	Oct	63	67	31
Mar	250	58	21	Jul	0	82	62	Nov	227	58	19
Apr	67	66	36	Aug	0	81	61	Dec	441	51	12

Base name: MCRD BEAUFORT
State: SC - South Carolina
Latitude: 32d 29m Longitude: 80d 43m

Annual Heating Degree Days: 1999

Winter Design Temperatures: (99%) 24 (97.5%) 27 Deg F

Mean Annual Temperature : 66 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	528	48	10	May	7	73	41	Sep	1	77	45
Feb	415	51	16	Jun	0	79	56	Oct	63	67	31
Mar	250	58	21	Jul	0	82	62	Nov	227	58	19
Apr	67	66	36	Aug	0	81	61	Dec	441	51	12

Base name: NAVHOSP CHARLESTON
State: SC - South Carolina
Latitude: 32d 54m Longitude: 79d 58m

Annual Heating Degree Days: 2417

Winter Design Temperatures: (99%) 22 (97.5%) 26 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	543	48	6	May	6	72	36	Sep	0	76	42
Feb	434	50	12	Jun	0	78	50	Oct	76	66	27
Mar	286	57	15	Jul	0	80	58	Nov	262	57	15
Apr	69	64	29	Aug	0	80	56	Dec	741	50	8

Military Installation Database List for : SC - South Carolina

Base name: NAVSTA CHARLESTON

State: SC - South Carolina

Latitude: 32d 50m Longitude: 79d 56m

Annual Heating Degree Days: 2417

Winter Design Temperatures: (99%) 22 (97.5%) 26 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	543	48	6	May	6	72	36	Sep	0	76	42
Feb	434	50	12	Jun	0	78	50	Oct	76	66	27
Mar	286	57	15	Jul	0	80	58	Nov	262	57	15
Apr	69	64	29	Aug	0	80	56	Dec	741	50	8

Base name: NSY CHARLESTON

State: SC - South Carolina

Latitude: 32d 51m Longitude: 79d 56m

Annual Heating Degree Days: 2417

Winter Design Temperatures: (99%) 22 (97.5%) 26 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	543	48	6	May	6	72	36	Sep	0	76	42
Feb	434	50	12	Jun	0	78	50	Oct	76	66	27
Mar	286	57	15	Jul	0	80	58	Nov	262	57	15
Apr	69	64	29	Aug	0	80	56	Dec	741	50	8

Base name: WPNSTA CHARLESTON

State: SC - South Carolina

Latitude: 33d 0m Longitude: 80d 0m

Annual Heating Degree Days: 2417

Winter Design Temperatures: (99%) 22 (97.5%) 26 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	543	48	6	May	6	72	36	Sep	0	76	42
Feb	434	50	12	Jun	0	78	50	Oct	76	66	27
Mar	286	57	15	Jul	0	80	58	Nov	262	57	15
Apr	69	64	29	Aug	0	80	56	Dec	741	50	8

Military Installation Database List for : TN - Tennessee

Base name: NAS MEMPHIS

State: TN - Tennessee

Latitude: 35d 21m Longitude: 89d 52m

Annual Heating Degree Days: 3357

Winter Design Temperatures: (99%) 9 (97.5%) 15 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	824	38	-2	May	29	71	36	Sep	12	74	40
Feb	634	43	5	Jun	0	79	49	Oct	151	62	28
Mar	436	51	12	Jul	0	82	56	Nov	432	51	16
Apr	147	62	32	Aug	0	80	54	Dec	692	43	-14

Military Installation Database List for : TX - Texas

Base name: NAS CHASE FIELD

State: TX - Texas

Latitude: 28d 22m Longitude: 97d 40m

Annual Heating Degree Days: 1153

Winter Design Temperatures: (99%) 27 (97.5%) 31 Deg F

Mean Annual Temperature : 71 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	362	54	15	May	1	78	48	Sep	0	81	47
Feb	240	58	22	Jun	0	83	57	Oct	19	73	34
Mar	111	65	27	Jul	0	85	65	Nov	138	64	26
Apr	17	72	35	Aug	0	85	65	Dec	265	58	18

Base name: NAS CORPUS CHRISTI

State: TX - Texas

Latitude: 27d 41m Longitude: 97d 17m

Annual Heating Degree Days: 809

Winter Design Temperatures: (99%) 32 (97.5%) 36 Deg F

Mean Annual Temperature : 73 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	277	57	19	May	0	79	53	Sep	0	83	61
Feb	177	60	21	Jun	0	83	64	Oct	5	76	46
Mar	75	66	25	Jul	0	85	69	Nov	80	67	31
Apr	9	73	40	Aug	0	85	67	Dec	186	61	29

Base name: NAS DALLAS

State: TX - Texas

Latitude: 32d 44m Longitude: 96d 58m

Annual Heating Degree Days: 2299

Winter Design Temperatures: (99%) 16 (97.5%) 21 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	625	45	-2	May	11	74	39	Sep	3	79	45
Feb	447	49	9	Jun	0	82	53	Oct	61	68	31
Mar	279	57	12	Jul	0	86	58	Nov	290	56	16
Apr	74	67	30	Aug	0	86	62	Dec	509	49	11

Military Installation Database List for : TX - Texas

Base name: NAS KINGSVILLE

State: TX - Texas

Latitude: 27d 30m Longitude: 97d 49m

Annual Heating Degree Days: 941

Winter Design Temperatures: (99%) 29 (97.5%) 33 Deg F

Mean Annual Temperature : 72 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	297	57	17	May	1	79	48	Sep	0	82	52
Feb	193	60	27	Jun	0	83	57	Oct	12	74	37
Mar	83	67	26	Jul	0	85	65	Nov	113	65	31
Apr	13	74	39	Aug	0	85	66	Dec	229	59	20

Base name: NWIRP DALLAS (DALLAS NAS)

State: TX - Texas

Latitude: 32d 44m Longitude: 96d 58m

Annual Heating Degree Days: 2299

Winter Design Temperatures: (99%) 16 (97.5%) 21 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	625	45	-2	May	11	74	39	Sep	3	79	45
Feb	447	49	9	Jun	0	82	53	Oct	61	68	31
Mar	279	57	12	Jul	0	86	58	Nov	290	56	16
Apr	74	67	30	Aug	0	86	62	Dec	509	49	11

Base name: NWIRP MCGREGOR (WACO)

State: TX - Texas

Latitude: 31d 37m Longitude: 97d 13m

Annual Heating Degree Days: 2126

Winter Design Temperatures: (99%) 19 (97.5%) 23 Deg F

Mean Annual Temperature : 67 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	591	46	-5	May	0	74	37	Sep	0	79	39
Feb	415	51	4	Jun	0	82	52	Oct	46	69	29
Mar	257	58	15	Jul	0	86	60	Nov	265	57	17
Apr	71	67	27	Aug	0	86	57	Dec	481	50	7

Military Installation Database List for : UT - Utah

Base name: NIROP MAGNA (TOOELE)

State: UT - Utah

Latitude: 40d 35m Longitude: 112d 25m

Annual Heating Degree Days: 5974

Winter Design Temperatures: (99%) 4 (97.5%) 10 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	1101	30	-13	May	253	58	21	Sep	122	64	28
Feb	871	34	-5	Jun	67	67	33	Oct	414	52	11
Mar	787	40	3	Jul	0	76	43	Nov	786	39	-7
Apr	510	48	18	Aug	0	73	42	Dec	1063	31	-12

Military Installation Database List for : VA - Virginia

Base name: AFEXPTRAACT CAMP PEARY (WILLIAMSBURG)
 State: VA - Virginia
 Latitude: 37d 18m Longitude: 7d 63m

Annual Heating Degree Days: 3684

Winter Design Temperatures: (99%) 15 (97.5%) 18 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	825	38	-7	May	55	66	31	Sep	10	71	38
Feb	694	40	3	Jun	0	73	37	Oct	191	60	21
Mar	530	48	13	Jul	0	78	51	Nov	438	50	15
Apr	216	58	22	Aug	0	77	44	Dec	725	42	0

Base name: FCTCLANT VIRGINIA BEACH
 State: VA - Virginia
 Latitude: 36d 46m Longitude: 75d 57m

Annual Heating Degree Days: 3474

Winter Design Temperatures: (99%) 17 (97.5%) 20 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	773	40	2	May	82	66	35	Sep	9	72	48
Feb	659	42	7	Jun	6	74	45	Oct	147	62	29
Mar	517	48	20	Jul	0	78	54	Nov	379	53	22
Apr	247	58	28	Aug	0	77	50	Dec	655	44	10

Base name: MC COMBAT DEV CMD QUANTICO
 State: VA - Virginia
 Latitude: 38d 30m Longitude: 77d 18m

Annual Heating Degree Days: 4294

Winter Design Temperatures: (99%) 10 (97.5%) 14 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	891	36	-5	May	92	65	31	Sep	37	70	38
Feb	769	38	0	Jun	7	74	43	Oct	229	59	24
Mar	612	46	8	Jul	0	78	49	Nov	529	48	13
Apr	292	56	24	Aug	0	76	48	Dec	836	38	4

Military Installation Database List for : VA - Virginia

Base name: MCAF QUANTICO

State: VA - Virginia

Latitude: 38d 30m Longitude: 77d 18m

Annual Heating Degree Days: 4294

Winter Design Temperatures: (99%) 10 (97.5%) 14 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	891	36	-5	May	92	65	31	Sep	37	70	38
Feb	769	38	0	Jun	7	74	43	Oct	229	59	24
Mar	612	46	8	Jul	0	78	49	Nov	529	48	13
Apr	292	56	24	Aug	0	76	48	Dec	836	38	4

Base name: NAS OCEANA

State: VA - Virginia

Latitude: 36d 48m Longitude: 76d 1m

Annual Heating Degree Days: 3474

Winter Design Temperatures: (99%) 17 (97.5%) 20 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	773	40	2	May	82	66	35	Sep	9	72	48
Feb	659	42	7	Jun	6	74	45	Oct	147	62	29
Mar	517	48	20	Jul	0	78	54	Nov	379	53	22
Apr	247	58	28	Aug	0	77	50	Dec	655	44	10

Base name: NAVHOSP PORTSMOUTH (NORFOLK)

State: VA - Virginia

Latitude: 36d 51m Longitude: 76d 18m

Annual Heating Degree Days: 3266

Winter Design Temperatures: (99%) 18 (97.5%) 22 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	733	42	7	May	58	67	37	Sep	6	74	50
Feb	634	43	12	Jun	3	75	47	Oct	120	63	33
Mar	499	49	20	Jul	0	80	58	Nov	362	53	21
Apr	220	59	29	Aug	0	79	53	Dec	631	45	14

Military Installation Database List for : VA - Virginia

Base name: NAVMEDCLINIC QUANTICO

State: VA - Virginia

Latitude: 38d 31m Longitude: 77d 18m

Annual Heating Degree Days: 4294

Winter Design Temperatures: (99%) 10 (97.5%) 14 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	891	36	-5	May	92	65	31	Sep	37	70	38
Feb	769	38	0	Jun	7	74	43	Oct	229	59	24
Mar	612	46	8	Jul	0	78	49	Nov	529	48	13
Apr	292	56	24	Aug	0	76	48	Dec	836	38	4

Base name: NAVPHIBASE LITTLE CREEK (NORFOLK)

State: VA - Virginia

Latitude: 36d 54m Longitude: 76d 9m

Annual Heating Degree Days: 3266

Winter Design Temperatures: (99%) 18 (97.5%) 22 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	733	42	7	May	58	67	37	Sep	6	74	50
Feb	634	43	12	Jun	3	75	47	Oct	120	63	33
Mar	499	49	20	Jul	0	80	58	Nov	362	53	21
Apr	220	59	29	Aug	0	79	53	Dec	631	45	14

Base name: NAVSURWARFARE CTR DAHLGREN (QUANTICO)

State: VA - Virginia

Latitude: 38d 20m Longitude: 77d 2m

Annual Heating Degree Days: 4294

Winter Design Temperatures: (99%) 10 (97.5%) 14 Deg F

Mean Annual Temperature : 57 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	891	36	-5	May	92	65	31	Sep	37	70	38
Feb	769	38	0	Jun	7	74	43	Oct	229	59	24
Mar	612	46	8	Jul	0	78	49	Nov	529	48	13
Apr	292	56	24	Aug	0	76	48	Dec	836	38	4

Military Installation Database List for : VA - Virginia

Base name: NSC CHEATHAM ANX WILLIAMSBURG

State: VA - Virginia

Latitude: 37d 16m Longitude: 76d 42m

Annual Heating Degree Days: 3684

Winter Design Temperatures: (99%) 15 (97.5%) 18 Deg F

Mean Annual Temperature : 58 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	825	38	-7	May	55	66	31	Sep	10	71	38
Feb	694	40	3	Jun	0	73	37	Oct	191	60	21
Mar	530	48	13	Jul	0	78	51	Nov	438	50	15
Apr	216	58	22	Aug	0	77	44	Dec	725	42	0

Base name: NSY NORFOLK

State: VA - Virginia

Latitude: 36d 49m Longitude: 76d 17m

Annual Heating Degree Days: 3266

Winter Design Temperatures: (99%) 18 (97.5%) 22 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	733	42	7	May	58	67	37	Sep	6	74	50
Feb	634	43	12	Jun	3	75	47	Oct	120	63	33
Mar	499	49	20	Jul	0	80	58	Nov	362	53	21
Apr	220	59	29	Aug	0	79	53	Dec	631	45	14

Base name: PWC NORFOLK

State: VA - Virginia

Latitude: 36d 57m Longitude: 76d 17m

Annual Heating Degree Days: 3266

Winter Design Temperatures: (99%) 18 (97.5%) 22 Deg F

Mean Annual Temperature : 61 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	733	42	7	May	58	67	37	Sep	6	74	50
Feb	634	43	12	Jun	3	75	47	Oct	120	63	33
Mar	499	49	20	Jul	0	80	58	Nov	362	53	21
Apr	220	59	29	Aug	0	79	53	Dec	631	45	14

Military Installation Database List for : VA - Virginia

Base name: WPNSTA YORKTOWN (LANGLEY AFB)

State: VA - Virginia

Latitude: 37d 14m Longitude: 76d 31m

Annual Heating Degree Days: 3574

Winter Design Temperatures: (99%) 17 (97.5%) 21 Deg F

Mean Annual Temperature : 59 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	800	39	-3	May	64	66	35	Sep	16	72	44
Feb	675	41	4	Jun	0	74	43	Oct	168	61	26
Mar	518	41	11	Jul	0	78	55	Nov	411	51	20
Apr	231	58	28	Aug	0	78	50	Dec	691	43	6

Military Installation Database List for : WA - Washington

Base name: NAS WHIDBEY ISLAND

State: WA - Washington

Latitude: 48d 21m Longitude: 122d 40m

Annual Heating Degree Days: 5631

Winter Design Temperatures: (99%) 21 (97.5%) 25 Deg F

Mean Annual Temperature : 50 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	790	40	-1	May	382	53	32	Sep	258	56	29
Feb	638	42	6	Jun	255	57	37	Oct	444	51	22
Mar	646	44	16	Jul	190	59	41	Nov	609	45	9
Apr	511	48	28	Aug	182	59	39	Dec	726	42	3

Base name: NAVMARCORESCEN TACOMA

State: WA - Washington

Latitude: 47d 15m Longitude: 122d 30m

Annual Heating Degree Days: 4796

Winter Design Temperatures: (99%) 19 (97.5%) 24 Deg F

Mean Annual Temperature : 52 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	766	40	10	May	289	56	30	Sep	146	61	37
Feb	594	44	11	Jun	153	61	37	Oct	357	54	27
Mar	614	45	18	Jul	56	65	42	Nov	579	46	8
Apr	456	50	24	Aug	73	65	45	Dec	713	42	7

Base name: NAVSTA PUGET SOUND (BREMERTON)

State: WA - Washington

Latitude: 47d 34m Longitude: 122d 39m

Annual Heating Degree Days: 5193

Winter Design Temperatures: (99%) 22 (97.5%) 27 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	825	38	12	May	307	55	27	Sep	169	60	33
Feb	644	42	16	Jun	174	60	38	Oct	394	52	27
Mar	651	44	21	Jul	82	64	41	Nov	615	45	10
Apr	477	49	28	Aug	89	64	40	Dec	766	40	8

Military Installation Database List for : WA - Washington

Base name: NAVUSEAWARENGSTA KEYPORT (BREMERTON)
State: WA - Washington
Latitude: 47d 42m Longitude: 122d 37m

Annual Heating Degree Days: 5193

Winter Design Temperatures: (99%) 22 (97.5%) 27 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	825	38	12	May	307	55	27	Sep	169	60	33
Feb	644	42	16	Jun	174	60	38	Oct	394	52	27
Mar	651	44	21	Jul	82	64	41	Nov	615	45	10
Apr	477	49	28	Aug	89	64	40	Dec	766	40	8

Base name: NSY PUGET SOUND (BREMERTON)
State: WA - Washington
Latitude: 47d 34m Longitude: 122d 39m

Annual Heating Degree Days: 5193

Winter Design Temperatures: (99%) 22 (97.5%) 27 Deg F

Mean Annual Temperature : 51 Deg F

	MHDD	Tam	Txm		MHDD	Tam	Txm		MHDD	Tam	Txm
Jan	825	38	12	May	307	55	27	Sep	169	60	33
Feb	644	42	16	Jun	174	60	38	Oct	394	52	27
Mar	651	44	21	Jul	82	64	41	Nov	615	45	10
Apr	477	49	28	Aug	89	64	40	Dec	766	40	8

DISTRIBUTION

AWS/DO, Scott AFB, IL 62225-5008	1
AWS/XT, Scott AFB, IL 62225-5008	1
AWS/XTX, Scott AFB, IL 62225-5008	1
AFOTEC/WE, Kirtland AFB, NM 87117-7001	1
CACDA, OL-E, HQ AWS, ATZL-CAW-E, Ft Leavenworth, KS 66027-5300	1
OL-H, HQ AWS (ATSI-CD-SW), Ft Huachuca, AZ 85613-7000	1
OL-I, HQ AWS (ATWE), Ft Monroe, VA 23651-5051	1
Det 1, HQ AWS, Pentagon, Washington, DC 20330-6560	1
Det 2, HQ AWS, Pentagon, Washington, DC 20330-5054	1
1WW/DN, Hickam AFB, HI 96853-5000	1
11WS/DON, Elmendorf AFB, AK 99506-5000	1
20WS/DON, APO San Francisco 96328-5000	1
30WS/DON, APO San Francisco 96301-0420	1
2WW/DN, APO New York 09094-5000	1
7WS/DON, APO New York 09403-5000	1
28WS/DON, APO New York 09127-5000	1
31WS/DON, APO New York 09136-5000	1
3WW/DN, Offutt AFB, NE 68113-5000	1
9WS/DON, March AFB, CA 92518-5000	1
24WS/DON, Randolph AFB, TX 78150-5000	1
26WS/DON, Barksdale AFB, LA 71110-5002	1
4WW/DN, Peterson AFB, CO 80914-5000	1
2WS/DON, Andrews AFB, MD 20334-5000	19
5WW/DN, Langley AFB, VA 23665-5000	1
1WS/DON MacDill AFB, FL 33608-5000	1
3WS/DON, Shaw AFB, SC 29152-5000	1
5WS/DON, Ft McPherson, GA 30330-5000	20
25WS/DON, Bergstrom AFB, TX 78743-5000	1
AFGWC/SDSL, Offutt AFB, NE 68113-5000	1
USAFETAC, Scott AFB, IL 62225-5438	5
7WW/DN, Scott AFB, IL 62225-5008	1
6WS/DON, Hurlburt Field, FL 32544-5000	1
15WS/DON, McGuire AFB, NJ 08641-5002	1
17WS/DON, Travis AFB, CA 94535-5986	1
3350 TECH TG/TTGU-W, Stop 62, Chanute AFB, IL 61868-5000	1
GL Library, Attn: SULLR, Stop 29, Hanscom AFB, MA 01731-5000	1
Atmospheric Sciences Laboratory, Attn: SLCAS-AT-AB, Aberdeen Proving Grounds, MD 21005-5001 ...	1
Atmospheric Sciences Laboratory, White Sands Missile Range, NM 88002-5501	1
U.S. Army Missile Command, ATTN: AMSMI-RD-TE-T, Redstone Arsenal, AL 35898-5250	1
Technical Library, Dugway Proving Ground, Dugway, UT 84022-5000	1
NCDC Library (D542X2), Federal Building, Asheville, NC 28801-2723	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145	2
JSOC/Weather, P.O. Box 70239, Fort Bragg, NC 28307-5000	1
75th RGR (Attn: SWO), Ft Benning, GA 31905-5000	1
HQ 5th U.S. Army, AFKB-OP (SWO), Ft Sam Houston, TX 78234-7000	1
NEESA-111C2, Port Hueneme, CA 93043-5014	5
CERL-ESD, P.O. Box 4005, Champaign, IL 61820-1305	5
AUL/LSE, Maxwell AFB, AL 36112-5564	1
AWSTL, Scott AFB, IL 62225-5438	50